

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	: Group Art Unit 3742
	:
Martin ELLER	: Examiner: Fastovsky
	:
Application No. 10/805,272	: Confirmation No. 8981
	:
Filed: March 22, 2004	:
	:
For: METHOD OF JOINING A ROD-SHAPED HEATING	:
ELEMENT WITH A TUBULAR CARRIER ELEMENT,	:
AND A GLOW PLUG INCLUDING A ROD-SHAPED	:
HEATING ELEMENT IN A TUBULAR CARRIER	:
ELEMENT	:

REQUEST FOR RECONSIDERATION

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action mailed March 9, 2007, it is requested that the rejection of claims 1-3 be reconsidered and withdrawn in view of the following comments.

Claims 1-3 have been newly rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent 6,605,801 to Haussner et al. (Haussner) in view of U.S. Patent 3,345,732 to Brower (Brower) as evidenced by the MagnetoPulS[®] publication (MagnetoPulS).

The Office Action states that Haussner discloses a glow plug having, *inter alia*, a rod pressed into a carrier ring, but does not disclose a magnetic forming process. Brower is cited as disclosing a magnetic forming process in joining an outer member (tube 19) with an inner member (rod 21), which is shown in FIG. 1 and described in col. 3, lines 16-59. It is asserted that it would have been obvious to modify Haussner's invention to include a magnetic forming process as taught by Brower in order to attach the carrier ring to the heating element because the prior art is reasonably pertinent to the particular problem of eliminating any surface damage and thermal effect to the glow plug structure. MagnetoPulS is offered as